

Figure 3.97. Raveling for three reference survey sections of AC-LTPP survey	101
Figure 3.98. Location of data resubmission sections	111
Figure 3.99. Fatigue cracking results for <i>original analysis</i> of resubmitted sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating.	112
Figure 3.100. Fatigue cracking composite index for <i>original analysis</i> of resubmitted sections.	113
Figure 3.101. Fatigue cracking results for <i>reanalysis</i> of resubmitted sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating.	113
Figure 3.102. Fatigue cracking composite index for <i>reanalysis</i> of resubmitted sections.....	114
Figure 3.103. Transverse cracking rating for <i>reanalysis</i> of resubmitted sections.....	114
Figure 3.104. Rutting rating for <i>original analysis</i> of resubmitted sections.....	115
Figure 3.105. Rutting rating for <i>reanalysis</i> of resubmitted sections.	116
Figure 3.106. Ride quality rating for <i>original analysis</i> of resubmitted sections.....	117
Figure 3.107. Ride quality for <i>reanalysis</i> of resubmitted sections.	117
Figure 3.108. PCR for <i>original analysis</i> of resubmitted sections; (a) full PCR computation and (b) comparison of only fatigue deduct values.....	118
Figure 3.109. PCR for <i>reanalysis</i> of resubmitted sections; (a) full PCR computation and (b) comparison of only fatigue deduct values.	119
Figure 3.110. Fatigue cracking ratings for <i>reanalysis</i> of LTTP survey sections; (a) low, (b) moderate, (c) high, and (d) total.....	120
Figure 3.111. Block cracking ratings for <i>reanalysis</i> of LTTP survey sections; (a) low, (b) moderate, (c) high, and (d) total.....	121
Figure 3.112. Edge cracking ratings for <i>reanalysis</i> of LTTP survey sections; (a) low, (b) moderate, (c) high, and (d) total.....	122
Figure 3.113. Unsealed wheel path only longitudinal cracking ratings for <i>reanalysis</i> of LTTP survey sections; (a) low, (b) moderate, (c) high, and (d) total.....	123
Figure 3.114. Total sealed wheel path only longitudinal cracking for <i>reanalysis</i> of LTTP survey sections.....	123
Figure 3.115. Unsealed non-wheel path only longitudinal cracking ratings for <i>reanalysis</i> of LTTP survey sections; (a) low, (b) moderate, (c) high, and (d) total.	124
Figure 3.116. Transverse cracking counts for <i>reanalysis</i> of LTTP survey sections; (a) low, (b) moderate, (c) high, and (d) total.....	125
Figure 3.117. Unsealed transverse cracking ratings for <i>reanalysis</i> of LTTP survey sections; (a) low, (b) moderate, (c) high, and (d) total.....	126
Figure 3.118. Total sealed transverse cracking for <i>reanalysis</i> of LTTP survey sections.....	126
Figure 3.119. Total unsealed cracking ratings for <i>reanalysis</i> of LTTP survey sections; (a) low, (b) moderate, (c) high, and (d) total.....	127
Figure 3.120. IRI ratings for <i>reanalysis</i> of LTTP survey sections.	128
Figure 4.1. Bridge for SR 1010 over US 1 in Wake County.	131
Figure 4.2. Bridge steel superstructure and CIP concrete pier substructure.	131
Figure 4.3. Patched concrete deck of bridge.....	131
Figure 4.4. View resulting from dynamic multi-directional scanning.....	134
Figure 4.5. Bridge vertical clearance at grade separations.	135
Figure 4.6. Vertical clearance for vehicles at grade separations.....	135
Figure 4.7. Bridge damage due to vertical clearance deficiency collisions.....	136
Figure 4.8. Geo-3D mobile data collection vehicle.	136
Figure 4.9. Terrametrix mobile data collection vehicle.....	137